

CALIFORNIA DEPARTMENT OF FISH AND GAME

**STREAM SURVEY**

FILE FORM

No.....

NAME..... Unnamed ..... COUNTY..... Mendocino .....

STREAM SECTION.....FROM.. Headwaters .....TO.. the confluence of...LENGTH.. 1.5 mi.  
the South Fork of the Ten Mile

TRIBUTARY TO... South Fork of Ten Mile .....Twp..... 19N .....R..... 16W .....Sec..... 21

OTHER NAMES..... Unknown ..... RIVER SYSTEM..... Ten Mile Drainage .....

SOURCES OF DATA..... Personal Survey .....

**EXTENT OF OBSERVATION**  
 Include Name of Surveyor, Date, Etc.  
**LOCATION**  
**RELATION TO OTHER WATERS**  
**GENERAL DESCRIPTION**  
 Watershed  
 Immediate Drainage Basin  
 Altitude (Range)  
 Gradient  
 Width  
 Depth  
 Flow (Range)  
 Velocity  
 Bottom  
 Spawning Areas  
 Pools  
 Shelter  
 Barriers  
 Diversions  
 Temperatures  
 Food  
 Aquatic Plants  
 Winter Conditions  
 Pollution  
 Springs  
**FISHES PRESENT AND SUCCESS**  
**OTHER VERTEBRATES**  
**FISHING INTENSITY**  
**OTHER RECREATIONAL USE**  
**ACCESSIBILITY**  
**OWNERSHIP**  
**POSTED OR OPEN**  
**IMPROVEMENTS**  
**PAST STOCKING**  
**GENERAL ESTIMATE**  
**RECOMMENDED MANAGEMENT**  
**SKETCH MAP**  
**REFERENCES AND MAPS**

**EXTENT OF OBSERVATION** - The entire tributary was walked out by Fish and Game Assistant, James Crowdus, and Fish and Game Seasonal Aid, Jack Santos, on September 27, 1961. This is a distance of approximately 1.5 miles.

**LOCATION** - This tributary is located approximately 8 airline miles northeast of the town of Fort Bragg in Mendocino County.

**RELATION TO OTHER WATERS** - It is a tributary of primary water flow contribution to the South Fork of the Ten Mile Drainage System.

**GENERAL DESCRIPTION** - Watershed - Estimate 2 sq. mi of watershed are concerned with this unnamed tributary.

**Immediate Drainage Basin** - This drainage basin is a logged-over, second growth conifer area, with alder, young Redwood, and a considerable amount of brush adjoining, and in, the creek. The surrounding terrain is steep-sided, low hills, also covered with young conifer. Meandering up through the stream and along its banks are two old railroad beds converging into one in the upper section of this tributary. The soil is primarily rubble and dirt. Altitude - 200 to 900 ft.

**Gradient** - The gradient is moderate to severe. The upper section or extreme headwaters, has a moderate gradient in a little grassy valley of approximately 5 ft. per 100. The majority, or 90% of the stream, has a gradient of about 15 ft. per 100.

**Depth** - The water depth at this date is zero to 18 in., and an average of 6 in.

**Flow** - Flow is intermittent at this date, a .2 c.f.s. average.

**Velocity** - Slow to sluggish.

**Width** - The average width at this date is 2ft. It has a range from zero to 20 ft.

**Bottom** - The bottom is primarily composed of rubble and coarse gravel. This is covered with a light layer of silt and organic debris. Many alders and alder roots are involved in the stream bottom.

**Spawning Areas** - Spawning area on this tributary is poor to nonexistent, due to the silt-organic debris and coarse bottom scattered throughout.

**Pools** - Pools are few and scattered, the average 4 ft. square with a 1 ft. depth; estimate 2 pools per 100 ft. of stream and riffle.

**Shelter** - Shelter is abundant in the form of alder and willow roots and log jams. Also shelter is found in the form of overhead vegetation. Approximately 95% of the stream is sheltered in one of the listed manners.

**Barriers** - A potential barrier exists at the confluence of the South Fork with the Ten Mile. Paralleling the South Fork of the Ten Mile, there is a private dirt road. The road crosses this unnamed tributary. A bridge has been formed by massive logs being thrown into the gully.

**Diversions** - No diversions observed.

Temperatures - Stream temperature averaged 68° F; the air temperature for this date was 90° F, a very sultry, warm day.

considerable logging debris and timber from the old railroad trestle.

Food - Food was almost nonexistent; diligent searching revealed scattered Mayfly larvae in groupings of 1 to 2 or 3 to 4 under scattered rocks. This is believed to be due to the fact of the light silt involved in this stream.

Aquatic Plants - Scattered algae was noted throughout this stream. A considerable amount of grasses grow in this stream, especially in the upper headwaters where it looks like or resembles an unmowed golf course.

Winter Conditions - Winter conditions believed to be mild, but the stream indicates a rather wide flow of approximately 15 ft. across--about 3 to 4 ft. deep in some sections; an average of 2 ft. deep is believed to be the winter condition.

Pollution - None observed.

Springs - Four or five small springs were observed on both sides of the stream along the upper two-thirds of this stream. These springs were of an oozing consistency and of no value at this date, and are believed to be of very little value in maximum flow.

FISHES PRESENT AND SUCCESS - None were observed. Again a diligent search was completed for any sign of fishlife, as well as for the food. It is believed that the barrier at the lower section underneath the road crossing could serve as a cause for the lack of fish, as well as the many jams listed up and down this section of stream.

OTHER VERTEBRATES - None observed, but strong and frequent indications deer, bear, domestic sheep and cattle ranging throughout, as well as salamanders, frogs, snakes, and insects. (Insects may be omitted)

FISHING INTENSITY - None observed and none believed to be in the past.

OTHER RECREATIONAL USE - Recommend hunting, very light fishing and hiking.

ACCESSIBILITY - Access is gained by traveling approximately 4 mi. north of the town of Fort Bragg in Mendocino County on Route 1, thence up the Ten Mile River or Glen Gray Road to his ranch, then through his ranch on a paralleling road of the South Fork of the Ten Mile for the next 7 or 8 mi. A key is necessary from the Gray Ranch to open one locked gate. There are approximately 4 or 5 unlocked gates involved in this route. Another route is up through the north end of Little Valley; through this, go through the Hyman Ranch; A key is also needed here--the same key. Here you go through 6 to 8 different unlocked gates. Immediate stream access is comparatively easy--up, the old logging and railroad bed thnt crisscrosses through the stream. In the upper section the bed diverges away to the west from the stream and access is through considerable amount of brush and Redwood. There are many deer paths to follow in this route. Immediate stream access is considered fairly difficult in some sections, although it can be seen from a higher elevation on these paralleling logging and railroad beds.

OWNERSHIP - This land is believed to be in private ownership, of the Hyman or Gray Ranches and/or both. It is unknown.

POSTED OR OPEN - There is no posting along this stream, although there are "no trespass" signs listed on the access roads previously mentioned.

PAST STOCKING - None known; none believed to have occurred.

GENERAL ESTIMATE - This unnamed tributary to the South Fork of the Ten Mile system drains approximately 2 sq. mi. of watershed. The tributary is relatively small (2 ft. average width) with a rather steep gradient of 15 ft. per 100. In the stream there are profuse amounts of alder, willow, and other dense vegetation along and within its bed. The area is of second growth conifer and alder and brush throughout. At this date the flow of this tributary is intermittent with a maximum of .4 c.f.s. Velocity is slow to sluggish. The bottom is predominantly rubble, covered with silt and algae, or supporting dense growths of grasses or alder. Spawning in this area is considered poor to negligible. Estimate 5% of this 2-mile stream satisfactory for this function. Pools are scattered and few--approximately 2 pools per 100 ft. The size of the pools is 4 ft. square and 1 ft. deep. Shelter is profuse from the alder roots in the stream and overhead vegetation. No diversions were observed. A possible barrier in this tributary is on the road crossing this tributary and paralleling the South Fork of Ten Mile at the confluence of the tributary and the Ten Mile South Fork. Food and fish were notably absent. Food was found only by diligent searching; it consisted of Mayfly larvae, approximately 2 or 3 per scattered rocks upturned. No fish were observed. Immediate access is relatively easy as well as general access. Some areas of this stream have dense vegetation refusing general access to this stream.

RECOMMENDATION - I recommend that the log jam and barrier crew operate up to the first forks and remove all alder in the stream as far as fishery value. Management is suggested to be limited spawning and nursery area. The prime value of this tributary is its contribution of water flow to the Ten Mile system. All springs and forks noted on the map are of no value due to their steep gradient of approximately 30 to 40 ft. per 100.

This concludes the stream survey on the unnamed tributary to the South Fork of the Ten Mile, September 28, 1961, by Fish and Game Assistant, James Crowdus.

James Crowdus/mh

cc: James Crowdus